A. CLASSIFICATION OF SUBJECT MATTER IPC 7 D06B11/00 B41J11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC\ 7\ D06B\ B41J$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Calegory *	INTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 120 560 A (S.C. MILLER ET AL) 19 September 2000 (2000-09-19)  column 3, line 32 - line 64 column 4, line 12 - line 50	1,7, 9-12,18, 20,23,24
Č ,	US 2003/081094 A1 (M.A. VAN VEEN; J.E. DORMAN) 1 May 2003 (2003-05-01)  paragraphs '0002!, '0016! - '0018!,	1,7,8, 10-14, 18,20, 23,24
	'0030!, '0034!, '0037! - '0039!, '0049! - '0054!	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.			
Special categories of cited documents:  A* document defining the general state of the art which is not considered to be of particular relevance  E* earlier document but published on or after the international lifting date  L* document which may throw doubts on priority daim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O* document referring to an oral disclosure, use, exhibition or other means  P* document published prior to the international filing date but later than the priority date claimed	<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but called to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'8' document member of the same patent family</li> </ul>			
Date of the actual completion of the international search	Date of mailing of the international search report			
27 January 2005	07/02/2005			
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Goodall, C 2604			

## INTERNATIONAL SEARCH REPORT

International Application No FCT/EP2004/010732

7cT/EP2004/010732						
Continuation) DOCUMENTS CONS	ndication, where appropriate, of the relevant passages	Relevant to claim No				
US 4 580 304 8 April 1986	A (D.L. OTTING; B.J. OTTING) (1986-04-08)	1,7, 10-12, 18,20, 23,24				
column 3, li	ne 4 - column 4, line 18					
	A (DAWSON ELLIS LTD.) 1987 (1987-09-09)	1,7,10, 12-14, 18-20, 23,24				
page 2, line page 2, line page 3, line	104 - page 2, line 12 61 - line 72 91 - line 95 32 - line 81 95 - page 4, line 6					
	A (L.J. WILLS) 1988 (1988-12-13) ure 4	5				
US 4 501 038 26 February	A (B.J. OTTING) 1985 (1985-02-26)					
	· con con see see					
	•					

## REST AVAILABLE CODY

## INTERNATIONAL SEARCH REPORT



Information on patent family members

International Application No TCT/EP2004/010732

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6120560	Α	19-09-2000	NONE			
US 2003081094	A1	01-05-2003	NONE			
US 4580304	Α	08-04-1986	BE	902399	A1	02-09-1985
			GB	2158773	A .B	20-11-1985
			BE	901864		01-07-1985
			GB	2154907	A	18-09-1985
			US	4578836	A	01-04-1986
GB 2187419	Α	09-09-1987	EP	0306568	A1	15-03-1989
US 4791434	Α	13-12-1988	AT	54103	T	15-07-1990
			WO	8602959		22-05-1986
			DE	3578405	D1	02-08-1990
•			EP	0202268	A1	26-11-1986
			HU	40474	A2	28-12-1986
			JP	62501301	T	21-05-1987
US 4501038	Α	26-02-1985	US	4485508	Α	04-12-1984